

Title (en)
HEAT EXCHANGING ELEMENT

Title (de)
WÄRMETAUSCHELEMENT

Title (fr)
ÉLÉMENT D'ÉCHANGE THERMIQUE

Publication
EP 2068107 B1 20140528 (EN)

Application
EP 07792699 A 20070820

Priority
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Abstract (en)
[origin: EP2068107A1] A lamination type heat exchanging element for use in heat exchange type ventilators and other air conditioning devices eliminates drift in the air passages while maintaining its structural strength, thereby providing high heat exchange efficiency. The heat exchanging element also prevents airflow leakage due to peeling between heat exchanger plates and other components. To achieve this, rectification portions are provided which eliminate drift in the air passages due to different ventilation resistances of the flow channels caused by their different flow channel lengths generated by flow channel division portions, thereby forming a predetermined flow velocity distribution in the counterflow regions.

IPC 8 full level
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Cited by
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